

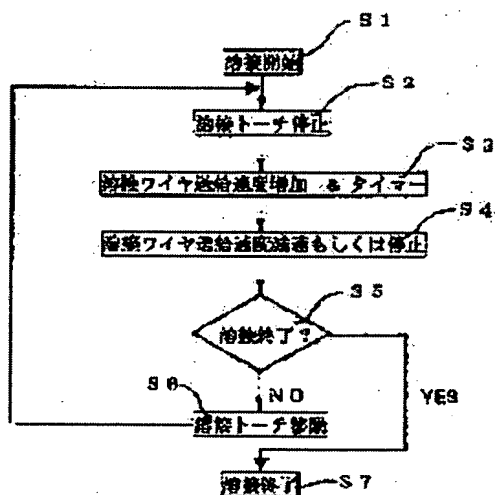
PATENT ABSTRACTS OF JAPAN

(11)Publication number : 11-267839
(43)Date of publication of application : 05.10.1999

(51)Int.Cl. B23K 9/12
B23K 9/12
B23K 9/073
B23K 9/173

(21)Application number : 10-090735 (71)Applicant : YASKAWA ELECTRIC CORP
(22)Date of filing : 18.03.1998 (72)Inventor : NISHIKAWA SEIGO
HIDAKA YOSHIO
FUJIMORI AKIRA

(54) ARC WELDING METHOD



(57)Abstract:
PROBLEM TO BE SOLVED: To provide a MIG arc welding method capable of obtaining a welding bead having a welding beauty above average of a TIG welding without generating spatter.
SOLUTION: This arc welding method stops a welding torch feeding action periodically (step S2), feeds a welding wire at high speed during the time the feeding action is stopped (step S3), and feeds a welding wire at low speed at the time the feeding action is carried out (step S4). Also, during the time the feeding action is stopped, an alternating current welding is carried out, and when the feeding action is carried out, a direct current welding of reverse polarity is applied.

LEGAL STATUS

[Date of request for examination]
[Date of sending the examiner's decision of rejection]
[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]
[Date of final disposal for application]
[Patent number]
[Date of registration]
[Number of appeal against examiner's decision of rejection]
[Date of requesting appeal against examiner's decision of rejection]
[Date of extinction of right]

Copyright (C); 1998,2003 Japan Patent Office

Intellectual
Property Research,
Management &
Commercialisation
Services

Address all
Correspondence to
PO Box 323
Collins St West 8007
Melbourne
AUSTRALIA

Melbourne Office
Levels 21 & 22
367 Collins Street
Melbourne 3000
Australia

Telephone
(03) 9622 2100

International Telephone
+613 9622 2100

Facsimile
(03) 9614 1867
(03) 9614 1483

International Facsimile
+613 9614 1867
+613 9614 1483

Email
mail@iporganisers.com.au

Internet
www.iporganisers.com.au
www.ipmenu.com

Sydney
54 Miller Street
North Sydney 2060
AUSTRALIA

Telephone
(02) 9929 5400

Facsimile
(02) 9929 4511

Adelaide
81 Flinders Street
Adelaide 5000
AUSTRALIA

Telephone
(08) 8232 5199

Facsimile
(08) 8232 5477

Associated with
Phillips Ormonde &
Fitzpatrick and Phillips
Ormonde & Fitzpatrick
Lawyers

IP Organisers Pty Ltd
ACN 105 176 814

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 11-267839

(43)Date of publication of application : 05.10.1999

(51)Int.Cl.

B23K 9/12

B23K 9/12

B23K 9/073

B23K 9/173

(21)Application number : 10-090735

(71)Applicant : YASKAWA ELECTRIC CORP

(22)Date of filing : 18.03.1998

(72)Inventor : NISHIKAWA SEIGO

HIDAKA YOSHIO

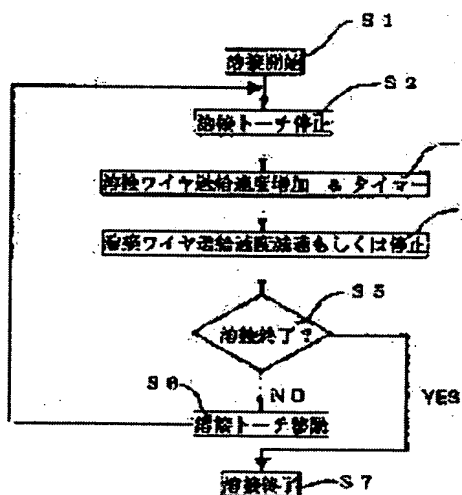
FUJIMORI AKIRA

(54) ARC WELDING METHOD

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a MIG arc welding method capable of obtaining a welding bead having a welding beauty above average of a TIG welding without generating spatter.

SOLUTION: This arc welding method stops a welding torch feeding action periodically (step S2), feeds a welding wire at high speed during the time the feeding action is stopped (step S3), and feeds a welding wire at low speed at the time the feeding action is carried out (step S4). Also, during the time the feeding action is stopped, an alternating current welding is carried out, and when the feeding action is carried out, a direct current welding of reverse polarity is applied.



LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]